

WHAT IS CLAIMED IS:

- 1 1. A system for printing target data from a web application
2 used through a browser of a client computer that is operatively connected to a
3 web server providing the web application, comprising:
4 a client computer having a browser for using the web application;
5 a web server for providing the web application;
6 a web application content for providing the web application on
7 said browser; and,
8 a print destination server specified by the user for printing the
9 target data;
10 wherein the web application content directs the browser to said
11 print destination server responsive to user print selection.
- 1 2. The system as defined in claim 1 wherein said web
2 application content creates and sends a URL request to said web server
3 responsive to user print selection.
- 1 3. The system as defined claim 2 wherein said web server
2 constructs imaging data for the target data upon user print selection.
- 1 4 The system as defined in claim 3 wherein said imaging
2 data is digital data of the target data that is capable of being represented as two
3 dimensional graphics.
- 1 5. The system as defined in claim 1 further comprising a
2 personal imaging repository for storing data associated with a user profile.
- 1 6. The system as defined in claim 5 wherein said web
2 application content transfers data to said personal imaging repository
3 responsive to print selection.

1 7. The system as defined in claim 5 wherein said personal
2 imaging repository is located on said client.

1 8. The system as defined in claim 5 wherein said personal
2 imaging repository is located on a store server.

1 9. The system as defined in claim 5 wherein said personal
2 imaging repository is an exchange infrastructure between the data and the
3 available web services.

4 10. The system as defined in claim 5 wherein said personal
5 imaging repository comprises an imaging data store assigned to the user profile
6 for storing imaging data.

7 11. The system as defined in claim 5 wherein said personal
8 imaging repository comprises a composition store for storing imaging
9 compositions of the imaging data that are serviced as a single unit.

10 12. The system as defined in claim 11 wherein said imaging
11 composition comprising a link reference for each imaging data that is serviced
12 as a single unit.

13 13. The system as defined in claim 1 wherein said print
14 destination server is indicated by a Uniform Resource Locator in said URL
15 request.

1 14. The system as defined in claim 1 wherein said print
2 destination server sends a print content responsive to said browser being
3 directed to said print destination server.

1 15. The system as defined in claim 14 wherein said print
2 content is for user configuration of printing on said print destination server.

1 16. The system as defined in claim 15 wherein said print
2 content transfers said target data with specified configuration to said print
3 destination server for printing.

1 17. The system as defined in claim 1 wherein said web
2 application directs said browser of said client computer to the print destination
3 server.

1 18. A method for printing target data from a web application
2 used through a browser of a client computer that is operatively connected to a
3 web server providing the web application, said method comprising the steps of:

4 sending a web application content by the web server to the
5 browser responsive to a request for web content by the browser;

6 sending an URL request for printing the target data responsive to
7 user print selection on said web application content;

8 directing the browser to a print destination server indicated by
9 said URL request by said web application content; and,

10 printing the target data according with user specified print
11 configuration by said print destination server.

1 19. The method according to claim 18 wherein said step of
2 sending an URL request further comprising the step of transferring the target
3 data to a personal imaging repository.

1 20. The method according to claim 18 wherein prior to said
2 step of sending an URL request further comprising the steps of creating said
3 URL request according to user selection.

1 21. The method according to claim 18 wherein prior to said
2 step of directing the browser further comprising the steps of:

3 determining whether said print destination server is available;
4 and,

5 returning an error message when said print destination server is
6 not available.

1 22. The method according to claim 18 wherein said step of
2 directing the browser further comprising the steps of:

3 returning print content for print configuration by said print
4 destination server;

5 accessing the target data by said print content responsive to user
6 print selection on said print content; and,

7 transferring the target data with specified print configuration to
8 said print destination server.

1 23. A computer program product comprising a computer
2 usable medium having computer readable program codes embodied in the
3 medium that when executed causes a computer to:

4 send a web application content by a web server to a browser
5 responsive to a request for web content by the browser;

6 send a URL request for printing the target data to a web server
7 responsive to user print selection on a web application;

8 direct said browser to a print destination server indicated by said
9 URL request by said web application content; and,

10 print the target data according to user specified print
11 configuration by said print destination server.

1 24. A computer program product comprising a computer
2 usable medium having computer readable program codes embodied in the
3 medium that when executed causes a computer to:

4 send an URL request for printing said target data to a web server
5 responsive to user print selection on a web application;

6 construct imaging data for said target data by said web server
7 responsive to said URL request;

8 send web application content by said web server to said browser
9 responsive to said URL request;
10 store said imaging data to a personal imaging repository; and,
11 print said imaging data in accordance with a print configuration
12 specified by said print destination server.

1 25. A method for printing target data from a web application
2 used through a browser of a client computer that is operatively connected to a
3 web server providing said web application, said method comprising the steps
4 of:
5 sending a web application content by a web server to a browser
6 responsive to a request for web content by the browser;
7 sending an URL request for printing the target data to said web
8 server responsive to user print selection on web application;
9 constructing imaging data for the target data responsive to said
10 URL request;
11 storing said imaging data to a personal imaging repository; and,
12 printing said imaging data in accordance with a print
13 configuration specified by said print destination server.

1 26. The method according to claim 25 wherein prior to said
2 step of printing said imaging data further comprising the steps of:
3 directing said browser to a print destination server indicated by
4 said URL request by said web application content;
5 returning print content for print configuration by said print
6 destination server;
7 accessing said imaging data by said print content responsive to
8 user print selection on said print content; and,

9 transferring said imaging data with a specified print configuration
10 to said print destination server.

1 27. The method according to 25 wherein prior to said storing
2 said imaging data further comprising the steps of:

3 determining whether said personal imaging repository is located
4 on said client computer or a store server computer;

5 connecting to said store server when said personal imaging
6 repository is located on a store server computer;

7 determining whether the connection between said client computer
8 and said store server computer is successful; and,

9 transferring imaging data to said store server computer by said
10 client computer.

1 28. A method for printing imaging data from a web
2 application used through a browser of a client computer that is operatively
3 connected to a web server providing said web application, wherein said web
4 application is linked to a personal imaging repository having an imaging data
5 store for storing the imaging data and a composition store for storing imaging
6 compositions with links to the imaging data serviced as a single unit, said
7 method comprising the steps of:

8 requesting to print the imaging data from the web application to a
9 print destination server by the browser;

10 transferring imaging data to a personal imaging repository by said
11 web application responsive to the print request by the browser; and,

12 printing the imaging data by the print destination server;

13 wherein said personal imaging repository is an exchange
14 infrastructure between the imaging data and available web services.

1 29. The method according to claim 28 wherein said step of
2 transferring imaging data to a personal imaging repository further comprising
3 the steps of:

4 connecting with the imaging data store of the personal imaging
5 repository; and,
6 transferring the imaging data to the imaging data store.

1 30. The method according to claim 29 further comprising the
2 steps of:

3 obtaining a link reference of the imaging data stored in the
4 personal imaging data store; and,
5 disconnecting from the imaging data store by the scanning
6 device.

1 31. The method according to claim 29 wherein said step of
2 connecting with the imaging data store further comprising the steps of:

3 determining whether the connection with the imaging data store
4 is successful;
5 returning an error message to the user when the connection is not
6 successful; and,

7 converting the imaging data into a predefined format.

1 32. The method according to claim 31 wherein said predefined
2 format is any one from the group consisting of:

3 Joint Photographic Experts Group Format;
4 Graphics Interchange Format;
5 Portable Network Graphics Format;
6 Tagged Image File Format;
7 Portable Document Format; and,
8 Microsoft Windows bitmap format.

1 33. The method according to claim 29 further comprising the
2 steps of:

3 obtaining a link reference of the imaging data stored in the
4 personal imaging data store;

5 connecting with the composition store of the personal imaging
6 repository indicated from the user information;

7 creating an imaging composition having a link reference to the
8 imaging data stored in the personal imaging data store; and,

9 saving the imaging composition to the composition store.

1 34. The method according to claim 33 further comprising the
2 steps of:

3 setting the imaging composition as a selected composition
4 available for access in the composition store; and,

5 disconnecting from the composition store of the personal imaging
6 repository.

1 35. The method according to claim 33 wherein prior to the
2 step of creating an imaging composition further comprising the steps of:

3 determining whether the connection with the composition store is
4 successful; and,

5 returning an error message to the user when the connection to the
6 composition is not successful.

1 36. The method according to claim 33 wherein said step of
2 creating an imaging composition further comprising the step of adding the link
3 reference of the imaging data stored in the imaging data store to the imaging
4 composition.

1 37. A computer program product comprising a computer
2 usable medium having computer readable program codes embodied in the

3 medium that when installed in a web application linked to a personal imaging
 4 repository with an imaging data store for storing the imaging data and a
 5 composition store for storing imaging compositions with links to the imaging
 6 data serviced as a single unit, the product causes the scanning device to:
 7 request print for the imaging data from the web application to a
 8 print destination server by the browser;
 9 transfer imaging data to a personal imaging repository by said
 10 web application responsive to the print request by the browser; and,
 11 print the imaging data by the print destination server;
 12 wherein said personal imaging repository is an exchange
 13 infrastructure between the imaging data and available web services.